

AMENDMENTS TO THE CLAIMS

The listing of claims below replaces all prior versions, and listings, of claims:

1 1. (Currently Amended) A method of controlling software components in a
2 processing system having plural nodes, comprising:
3 receiving a request to start the processing system;
4 launching a start routine in a first one of the nodes in response to the
5 request;
6 the start routine causing a service to be invoked in each of the nodes;
7 ~~determine~~ determining one or more selected software components to start
8 in each node; and
9 ~~invoke, with a manager module, the services to start~~ starting the selected
10 software components in the respective nodes of the processing system.

A 1 2. (Currently Amended) The method of claim 1, wherein ~~invoking~~ causing
2 the services to be invoked comprises causing ~~invoking~~ WINDOWS® services to be
3 invoked.

1 3. (Currently Amended) The method of claim 2, further comprising ~~wherein~~
2 ~~invoking the services with the manager module~~ comprises invoking the services with a
3 WINDOWS® service control manager module.

1 4. (Cancelled)

1 5. (Currently Amended) The method of claim ~~[[4]]~~1, wherein starting the
2 selected software components comprises starting software components defined as
3 WINDOWS® services.

1 6. (Cancelled)

1 7. (Currently Amended) The method of claim 61, further comprising running
2 an instance of ~~the~~ a manager module in each node, the instance of the manger module in
3 each node responsive to the start routine to invoke the services.

1 8. (Cancelled)

1 9. (Currently Amended) The method of claim 81, wherein the first one of the
2 nodes is a master node, wherein launching the start routine is performed in the master
3 node.

1 10. (Currently Amended) The method of claim 87, further comprising the start
2 routine communicating requests to manager module instances in the nodes to start
3 corresponding services.

1 11. (Currently Amended) The method of claim 1, wherein ~~invoking~~ causing
2 the services to be invoked comprises causing ~~invoking~~ one service to be invoked for each
3 software component.

1 12. (Cancelled)

1 13. (Currently Amended) A database system comprising:
2 a plurality of nodes;
3 software components executable in corresponding nodes, the software
4 components comprising a query coordinator in each node to process database queries;
5 and
6 a manager module executable in the database system to invoke services to
7 control starting of the software components; and
8 a start procedure executable in a first one of the nodes to invoke the
9 services in respective nodes through the manager module.

1 14. (Currently Amended) The database system of claim 13, wherein the
2 manager module comprises plural instances executable on corresponding nodes.

1 15. (Currently Amended) The database system of claim 13, wherein the
2 manager module comprises a WINDOWS® service control manager.

1 16. (Currently Amended) The database system of claim 13, wherein the
2 services comprise WINDOWS® services.

1 17. (Cancelled)

1 18. (Cancelled)

1 19. (Currently Amended) The database system of claim ~~18~~13, wherein the
2 start procedure comprises a start service and a program invocable by the start service.

1 20. (Currently Amended) A database system comprising:
2 a plurality of nodes;
3 database software components executable in corresponding nodes; and
4 a manager module executable to control the database software components
5 in the plural nodes and to enable a monitoring module to monitor statuses of the database
6 software components in the nodes.

1 21. (Currently Amended) An article comprising one or more machine-
2 readable storage media containing instructions that when executed cause a database
3 system having plural nodes to:
4 receive a command to start database software components in the plural
5 nodes; ~~and~~
6 launch a start routine in a first one of the nodes in response to the
7 command;
8 issue requests, from the start routine, to respective nodes; and
9 in response to the requests, invoke services in respective nodes to start
10 database software components.
11 ~~launch services through a manager module to invoke corresponding~~
12 ~~software components.~~

1 22. (Cancelled)

1 23. (New) The method of claim 1, wherein the processing system comprises a
2 parallel database system, and wherein starting the selected software components
3 comprises starting database software components.

1 24. (New) The method of claim 23, wherein starting the database software
2 components comprises starting a query coordinator in each node to process database
3 queries.

1 25. (New) The method of claim 24, wherein starting the database software
2 components comprises starting a data server in each node to control access of data in
3 storage.

1 26. (New) The method of claim 1, further comprising each service monitoring
2 a status of a corresponding software component.

1 27. (New) The method of claim 1, further comprising each service monitoring
2 for termination of a corresponding software component.

1 28. (New) The database system of claim 13, further comprising a storage,
2 wherein the software components further comprise a data server in each
3 node to control access to data in the storage.

1 29. (New) The database system of claim 13, wherein each service is adapted
2 to monitor for termination of a corresponding query coordinator.

1 30. (New) The database system of claim 13, wherein the start procedure is
2 adapted to be invoked in response to a request to start a database application.

1 31. (New) The article of claim 21, wherein starting the database software
2 components comprise starting a query coordinator to process database queries and a data
3 server to control access of data in storage in each node.

1 32. (New) The article of claim 21, wherein the instructions when executed
2 cause the database system to cause each service to monitor for termination of a
3 corresponding database software component.

1 33. (New) A database system comprising:
2 a plurality of nodes;
3 database software components executable in corresponding nodes;
4 a start procedure executable in a first one of the nodes to invoke services
5 in respective nodes, and
6 wherein the services are executable to start the database software
7 components.

1 34. (New) The database system of claim 33, further comprising a storage,
2 wherein the database software components comprise a query coordinator
3 in each node to process database queries, and a data server in each node to control access
4 of the storage.

1 35. (New) The database system of claim 34, wherein one service is invoked in
2 each node for each database software component in the node.
